FT PharmaSuite®

SUPPORTED PLATFORMS GUIDE

RELEASE 11.01.00

Rockwell Automation

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FT PharmaSuite® 11.01.00 - Supported Platforms Guide

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1 Introduction

This guide explains the relationships and dependencies among PharmaSuite, FactoryTalk ProductionCentre (FTPC), other FactoryTalk products, and third-party software and details requirements regarding this.

Each requirement is composed of a name (e.g., PharmaSuite Qualified Platform) and a unique identifier (e.g., GID-1234567) and is extended with its business attributes (GxP Relevance, Business Impact) and its compliance attribute (21 CFR Part 11 Relevance).

The revision history lists the changes made to the document with the previous FactoryTalk PharmaSuite release as the comparison baseline. It provides individual sections for "Updated", "Added", and "Deleted" requirements.

This document is intended for implementation professionals who plan to install the PharmaSuite software. The tables in this guide describe the supported platform requirements for PharmaSuite. This document is intended to be used with the appropriate installation guides, which are available from the Rockwell Automation Download Site.

For more information, please refer to:

- "FactoryTalk ProductionCentre 11.02.00 Supported Platforms Guide" [A1] (GID-3073339).

- "Technical Manual Installation" [A2] (GID-3073339).

- "Technical Manual Installation - Upgrade" [A3] (GID-3073339).

1.1 Definitions

The following definitions are used throughout this document:

Term	Definition
Qualified	Qualified configurations and platforms have been assessed for risk and formally tested.
Supported	Supported configurations and platforms - have been tested by the platform vendors and defined by them as tested and supported, - have been qualified or supported by the FactoryTalk ProductionCentre platform, or - have been tested informally in the context of FT PharmaSuite.

1.2 GID-3648568 FT PharmaSuite Compatibility

FT PharmaSuite 11.01.00 is compatible with the following FactoryTalk products:

- FT ProductionCentre 11.02.01 (11.02.01.006)

- FT Services Platform (FTSP) 6.21.00 (CPR 9 SR 12)

The applications are available from the Rockwell Automation Download Site.

TIP

The exact version, incl. build, of FT PharmaSuite will be documented in the "Quality Certificate" [A4] (GID-3073339).

To access the Rockwell Automation Download Site, you need to acquire a user account from Rockwell Automation Sales or Support.

Attribute	Value
MES-Business: GxP relevance	Yes
MES-Business: Business Impact	High
MES-Compliance: 21 CFR Part 11 relevance	No

2 PharmaSuite Platforms

2.1 GID-3073306 PharmaSuite Qualified Platform (SR1095.20)

The table in this section describes the qualified versions and combinations of the software platforms for PharmaSuite.

Third-party Application	Qualified Version
Server - operating system: Microsoft Windows Server 2019 (1)	Windows Server 2019
Client - operating system: Microsoft Windows 10 Enterprise LTSC (64-bit) (1)	Microsoft Windows 10 Enterprise LTSC 2021 (64-bit)
Browser: Google Chrome	100.0.4896.60 and above
Application server: JBoss Application Server (Enterprise Application Platform) (2)	7.4.9
RDBMS: Oracle (1)	Oracle 19c On-Premise (conventional database)
Java SDK (3)	AdoptOpenJDK jdk-11.0.11+9 (64-bit)AdoptOpenJDK jdk-11.0.11+9 (32-bit)
Warehouse mobile client: Operating system - Android Built-in 1D or 2D scanner (4)	6.0.1 and above Browser-supporting scanner: Firefox 111.1.1 and above

(1) You must install the software before installing PharmaSuite.

(2) The application server is installed along with FactoryTalk ProductionCentre.

(3) Application Server and PharmaSuite Shop Operation Servers run with the 64-bit version of Java, except PharmaSuite AI Server.
PharmaSuite Clients run with 32-bit.

(4) Scanner software has to support keyboard input emulation and a configurable prefix and suffix.

Attribute	Value
MES-Business: GxP relevance	Yes
MES-Business: Business Impact	High
MES-Compliance: 21 CFR Part 11 relevance	No

2.2 PharmaSuite Supported Platforms (SR1095.21+)

The subsequent sections describe the supported versions of the software platforms for PharmaSuite. This section is intended to be used with the PharmaSuite Installation manuals ([A2] and [A3] (GID-3073339)), which provide installation and configuration instructions.

> **TIP**
>
> For detailed third-party application requirements specific to your environment, please see the documentation provided with the third-party application.

2.2.1 PharmaSuite Hardware Requirements

Please contact your dedicated delivery team of Rockwell Automation or your system integrator for your specific hardware requirements. Because these requirements can vary from site to site, your delivery partner will determine the appropriate hardware configuration for each of your sites based upon the volume of transactions, data, number of concurrent users, and use of the application.

2.2.2 GID-3073309 PharmaSuite Database Server Software (SR1095.21.1)

The FTPC Database Server Software and versions listed as FTPC Qualified or Supported Platform in "FactoryTalk ProductionCentre 11.02.00 Supported Platforms Guide" [A1] (GID-3073339) are supported by PharmaSuite.

You must install the software before installing PharmaSuite.

Attribute	Value
MES-Business: GxP relevance	No
MES-Business: Business Impact	Medium
MES-Compliance: 21 CFR Part 11 relevance	No

2.2.3 GID-3073310 PharmaSuite Application Server and Shop Operation Server Software (SR1095.21.2)

The FTPC Application Server and Shop Operation Server Software and versions listed as FTPC Qualified or Supported Platform in "FactoryTalk ProductionCentre 11.02.00 Supported Platforms Guide" [A1] (GID-3073339) are supported by PharmaSuite.

You must install the software before installing PharmaSuite.

- PharmaSuite application server software is supported with JBoss and installed along with FactoryTalk ProductionCentre.

- The application server and the Shop Operation Servers run with the 64-bit version of Java. If a Shop Operation Server depends on 32-bit DLLs (e.g. PharmaSuite AI server with FTSP integration), then 64-bit Java and Linux as OS are not supported.

- Shop Operations Server is supported on Linux for both the application server and client machines. If you will be running FactoryTalk Live Data with Shop Operations Server (e.g. Automation Integration Server), then you must have FactoryTalk Services Platform (FTSP) installed on the same machine as Shop Operations Server. For more information, refer to chapter "Setting up the Live Data Infrastructure for PharmaSuite" in "Technical Manual Installation" [A2] (GID-3073339).

- The PharmaSuite-specific Scripted Installer is not available for Linux installations.

Attribute	Value
MES-Business: GxP relevance	No
MES-Business: Business Impact	Medium
MES-Compliance: 21 CFR Part 11 relevance	No

2.2.4 GID-3073311 PharmaSuite Client Software (Java-based Client) (SR1095.21.3)

The PharmaSuite client session runs only in Java-based mode; Process Designer, Shop Operations, and Shop Operations Server can be run in this mode.

The FTPC Client Software and versions listed as FTPC Qualified or Supported Platform in "FactoryTalk ProductionCentre 11.02.00 Supported Platforms Guide" [A1] (GID-3073339) are supported by PharmaSuite.

Attribute	Value
MES-Business: GxP relevance	No
MES-Business: Business Impact	Medium
MES-Compliance: 21 CFR Part 11 relevance	No

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3 PharmaSuite GUI

3.1 GID-3073312 PharmaSuite Screen Resolutions (SR1095.22)

The table in this section describes the system's required screen resolution required to run PharmaSuite.

PharmaSuite Application	Resolution
Production Execution Client (PEC)	▪ 1504 x 768 (default width with Notification Panel configured) ▪ 1504 x 768 (minimum width with Notification Panel configured) ▪ 1024 x 768) (minimum width without Notification Panel configured) PEC can be horizontally and vertically resized.
Production Execution Viewer (PEV)	1280 x 1024 (at least)
Production Management Client (PMC)	1280 x 1024 (at least)
Recipe and Workflow Designer	1280 x 1024 (at least)
Production Response Client (PRC)	1280 x 1024 (at least)
Data Manager	1280 x 1024 (at least)
Warehouse Mobile Application	480 x 640 with 4 inch as minimum screen size (at least)

PharmaSuite clients do not support being run on multiple monitors.

Display scaling in the FactoryTalk ProductionCentre Client Operating System above 100% requires a higher screen resolution than listed above. The Client Operating System shall be restarted after changing the display scaling factor.

Attribute	Value
MES-Business: GxP relevance	Yes
MES-Business: Business Impact	Low
MES-Compliance: 21 CFR Part 11 relevance	No

4 Reference Documents

The following documents are available from the Rockwell Automation Download Site.

No.	Document Title	Part Number
A1	FactoryTalk ProductionCentre 11.02.00 Supported Platforms Guide **TIP** Please note that the relevant revision of the Supported Platforms Guide is included in the packaged documentation of FT PharmaSuite.	PRDCTR-RM011C-EN-E
A2	FT PharmaSuite Technical Guide Installation	PSES-IN011B-EN-E
A3	FT PharmaSuite Technical Guide Installation - Upgrade	PSUP-IN008B-EN-E
A4	FT PharmaSuite Quality Certificate	10007176919/PUB

TIP

To access the Rockwell Automation Download Site, you need to acquire a user account from Rockwell Automation Sales or Support.

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5 Document Information

The document information covers various data related to the document.

5.1 Approval

This document has been approved electronically via the Rockwell Automation Document Management System (DMS). The required approvers of this document include the following:

Name	Role
Andreas Grossmann	Product Manager
Norbert Ern	Product Owner
Steffen Landes	Engineering Manager
Fabian Hofsäß	Technical Lead
Eva Müller	Test Manager
Ignaz Wangler	Test Lead

5.2 Version Information

Object	Version
FT PharmaSuite	11.01.00
Supported Platforms Guide	1.1

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6   Appendix A - Revision History

The revision history lists the changes made to the document with the last release of FT PharmaSuite as the comparison baseline.

6.1   Updated Requirements

GID-3073335 Definitions

GID-3648568 FT PharmaSuite Compatibility

GID-3073306 PharmaSuite Qualified Platform (SR1095.20)

GID-3073337 PharmaSuite Supported Platforms (SR1095.21+)

GID-3073309 PharmaSuite Database Server Software (SR1095.21.1)

GID-3073310 PharmaSuite Application Server and Shop Operation Server Software (SR1095.21.2)

GID-3073311 PharmaSuite Client Software (Java-based Client) (SR1095.21.3)

GID-3073312 PharmaSuite Screen Resolutions (SR1095.22)

6.2   Added Requirements

None

6.3   Deleted Requirements

None

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